

Converting Colors

XYZ(34.9236, 33.9370, 58.2463)

Have a look what the booklet for
XYZ(34.9236, 33.9370, 58.2463)
contains.

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Color

**XYZ(34.8855, 33.9607,
58.1425)**

Conversions

Conversions Part 1

Format	Color
Hex	999AC6
RGB	153, 154, 198
RGB Percent	60%, 60%, 78%
CMY	0.4000, 0.3961, 0.2235
CMYK	0.23, 0.22, 0.00, 0.22
HSL	239°, 28%, 69%
HSV	239°, 23%, 78%
XYZ	34.8855, 33.9607, 58.1425
YIQ	158.7170, -14.7200, 13.4720

Conversions

Conversions Part 2

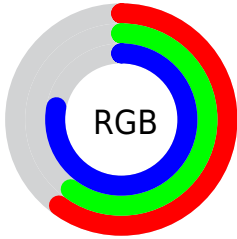
Format	Color
RYB	153, 154, 198
Decimal	10066630
CIELab	64.93, 9.15, -22.72
CIELCh	65, 24.495, 291.932
Yxy	33.9607, 0.2747, 0.2674
Android (android.graphics.Color)	4288256710 (0xFF999AC6)
YUV	158.7170, 19.3665, -5.0138
Hunter-Lab	58.2758, 4.8723, -18.3613

Details

The XYZ color **34.8855, 33.9607, 58.1425** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **49.0051, 54.2384, 38.0242**, and the grayscale version is **32.7456, 34.4509, 37.5170**.

A 20% lighter version of the original color is **66.6183, 65.7416, 103.7860**, and **15.2511, 14.4808, 28.3768** is the 20% darker color. If you saturate the color by 10%, you get **28.5123, 26.3089, 57.0020**, and if you desaturate by 10%, it is **42.3963, 42.9655, 59.4853**.

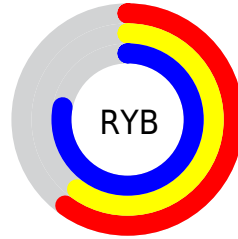
Distribution



Red (60%)

Green (60%)

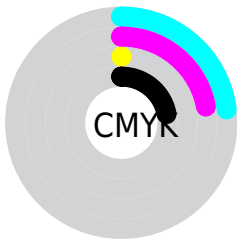
Blue (78%)



Red (60%)

Yellow (60%)

Blue (78%)

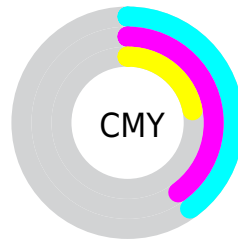


Cyan (23%)

Magenta (22%)

Yellow (0%)

Black (22%)



Cyan (40%)

Magenta (40%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.8855, 33.9607, 58.1425 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 34.8855, 33.9607, 58.1425 by changing the saturation by 10% instead.

■ 34.8855, 33.9607,
58.1425

■ 34.8855, 33.9607,
58.1425

315.5795,
319.9568, 435.3298

■ 23.7408, 22.8634,
41.5078

■ 66.6435, 65.8726,
103.6472

■ 15.2651, 14.4927,
28.3934

■ 87.9876, 87.4559,
133.3542

■ 9.0932, 8.4641,
18.3808

113.4621,
113.3034, 168.2557

■ 4.8596, 4.3933,
11.0514

143.4325,
143.7994, 208.7703

■ 2.1990, 1.8959,
5.9868

178.2641,
179.3284, 255.3164

■ 0.7422, 0.5459,
2.7684

218.3222,

■ 0.0000, 0.0000,

220.2747, 308.3127

0.9776

263.9722,
267.0227, 368.1776

■ 0.0000, 0.0000,
0.0000

■ 34.8855, 33.9607,
58.1425

■ 34.8855, 33.9607,
58.1425

■ 28.5123, 26.3089,
57.0020

■ 42.3963, 42.9655,
59.4853

■ 23.2182, 19.9410,
56.0519

■ 51.0929, 53.3799,
61.0371

■ 18.9445, 14.7879,
55.2825

■ 61.0248, 65.2623,
62.8072

■ 15.6255, 10.7723,
54.6824

■ 72.2374, 78.6665,
64.8035

■ 13.1879, 7.8082,
54.2387

■ 84.7742, 93.6436,
67.0336

■ 11.5477, 5.7971,
53.9370

■ 87.1932, 96.8573,
67.5264

■ 10.6048, 4.6224,
53.7599

■ 10.2410, 4.1729,
53.6923

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



31.3337, 33.9607, 59.8032



34.8855, 33.9607, 58.1425



37.9331, 33.9607, 50.3310

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



34.8855, 33.9607, 58.1425



36.6553, 33.9607, 23.6676



26.0036, 33.9607, 34.3112

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



34.8855, 33.9607, 58.1425



49.0051, 54.2384, 38.0242

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



27.2160, 33.9607, 26.2231



34.8855, 33.9607, 58.1425



33.2423, 33.9607, 20.8538

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



34.8855, 33.9607, 58.1425



39.0058, 33.9607, 30.1704



29.8050, 33.9607, 21.6953



26.3731, 33.9607, 44.7382

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



34.8855, 33.9607, 58.1425



39.1840, 33.9607, 43.3517



29.8050, 33.9607, 21.6953



26.2363, 33.9607, 31.2608

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



34.8866, 33.9621, 58.1433



83.4680, 86.1360, 106.8344



43.3525, 51.1695, 60.1158



17.6628, 18.1938, 22.8308



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



34.8866, 33.9621, 58.1433



56.2514, 53.5084, 101.9711



39.0407, 35.8593, 58.2905



10.0753, 10.3246, 13.3793



6.6682, 2.7303, 34.9199



0.3225, 0.1428, 1.6557

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



40.5136, 37.1223, 35.6033



67.8733, 60.0582, 55.4123



44.0761, 52.0359, 37.8588



10.6433, 10.6407, 11.1048



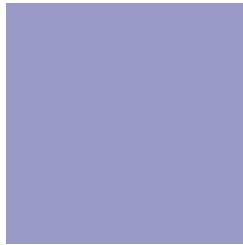
15.1651, 7.8156, 0.8135



0.7215, 0.3714, 0.0565

Previews

White Background



This preview shows how the XYZ color 34.8855, 33.9607, 58.1425 looks on a white background.

Color Contrast Check

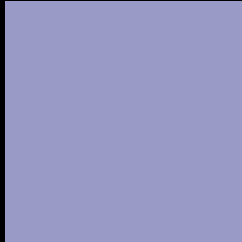
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 34.8855, 33.9607, 58.1425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.8855, 33.9607, 58.1425

Background



This preview shows how black text looks on a background with the XYZ color 34.8855, 33.9607, 58.1425.



This preview shows how white text looks on a background with the XYZ color 34.8855, 33.9607,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

34.8855, 33.9607, 58.1425

Protanopia

34.2299, 34.1035, 58.8114

Deuteranopia

34.6975, 33.8638, 58.1337



Tritanopia

31.9616, 34.0324, 43.4124

Trichromacy



Original Color

34.8855, 33.9607, 58.1425

Protanomaly

34.4246, 33.9558, 58.7726

Deuteranomaly

34.6975, 33.8638, 58.1337

Tritanomaly

32.9751, 33.9342, 48.5280

Monochromacy



Original Color

34.8855, 33.9607, 58.1425

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

33.5044, 34.2992, 44.3897

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.8855, 33.9607, 58.1425 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(153, 154, 198)` looks like.

```
.text, #text, p{  
    color:rgb(153, 154, 198)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(153, 154, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 154, 198) }
```

Border

The CSS property to change the border of an element to XYZ 34.8855, 33.9607, 58.1425 is called "border". The border property can be set on classes, ids or directly on the HTML element.

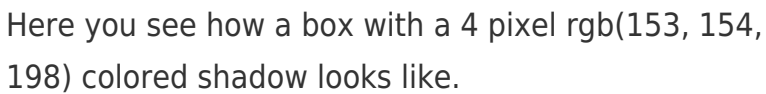
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(153, 154, 198) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(153, 154, 198) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(153, 154, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 154, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 154, 198);  
box-shadow:4px 4px 4px 4px rgb(153, 154,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 34.8855, 33.9607, 58.1425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 154, 198) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(153,  
154, 198) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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